BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1500000.00

Name of Work: Estimate for Providng street sign boards to main and cross roads of Kodigehalli in ward no. 08.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary** soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 142 / Item No. 19.1, PWD SR 2016-17**	Cum							
	Street Sign Boards		165	0.60	0.60	0.60	35.64		
							35.64	86.92	**3098.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	KSRRB M800-3. **Direction and Place Identification Signs upto 0.9 sqm Size Board:**-Manufacturing, supply and installation of retro - reflectorised cautionary, mandatory and informatory signboards made out of cube corner micro prismatic grade sheeting confirming to type XI standards of IRC :67:2012 specifications & fixed over 4 mm thick aluminium composite panel sheet having minimun 0.30 thick aluminium skin on both sides & fixed over a support frame of 25x25x3 mm MS angle and mounted on 75mm dia OR 75x75x6mm Mild steel angle of total height 2.70m with clear height of not less than 2.10 m from the ground level to the bottom of the sign board & 60 cm below ground level. The sign post should be painted with one coat of red oxide paint and white colour with brands of 30 cm height alternatively firmly fixed to the ground by means of foundation with M20 grade cement concrete of 45 cm x45 cm x 60 cm including cost & conveyance of all materials, equipment, machinery & labour with all leads and lifts, loading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective sheeting	Sqm							
			1	165			**165.00**	8590.24	**1417390.00**
	Basic Rate	8104.00							
	Area Weightage @ 6%	486.24							
	Total	**8590.24**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 - **Painting on Steel Surface Page No. 184 / Item No. 24.8.1, PWD SR 2016-17**	Sqm							
	Pole		165	3.00		0.20	99.00		
	Board Front and Back Side		165x2	0.60		0.45	89.10		
			165x2	0.60		0.20	39.60		
							225.00	60.42	**13595.00**
	Basic Rate	57.00							
	Area Weightage @ 6%	3.42							
	Total	**60.42**							
4	KSRRBM800-9. Painting New Letter and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) " MORTH Specification No. 803 **Page No. 184 / Item No. 24.9, PWD SR 2016-17**	cm							
	Board Letters		15	0.10			1.50		
			20	0.125			2.50		
			25	0.10			2.50		
			30	0.10			3.00		
			25	0.10			2.50		
	For One Board						**12.00**	**Cms**	
	For 172 Boards		165	12.00					
							1980	0.80	**1574.00**
	Basic Rate	0.75							
	Area Weightage @ 6%	0.05							
	Total	**0.80**							
5	Providing RCC ornamental Name boards (Data Rate	**No**							
			8				**8.00**	**8000.00**	**64000.00**
	Miscellaneous charges								**343.00**
								Total	**1500000.00**
	(Rupees Fifteen lakhs only)								

TECHNICAL SANCTION
Accorded For Rs. Fifteen lakhs only
Head of A/c. P-1771
Div. Ref. No. 90/16-17 Date 28/12/16
AE
EE(BTP) 28/12

Administrative Approval
Accorded For 15.00 lakh Rs
Head of A/C. P 1771
CER NO : 59 Dt: 28-12-16
TA CE (YNK)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2016-17.
3 This work included under 2016-17 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer 15/12
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
15/12